

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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12/9/02
ARK

Application of

Applicant : Powell, et al.
Application No. : 10/039,517
Filed : January 3, 2002
Title : SYSTEM AND DEVICE INCLUDING BARRIER LAYER
Docket : MIO 0059 V2
Examiner : D. Le
Art Unit : 2818

CERTIFICATE OF FACSIMILE TRANSMISSION
I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark
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Julie Cope
Julie G. Cope Reg. No. 48,624

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Assistant Commissioner of Patents and Trademarks
Washington DC 20231

NOV 22 2002

Sir:

TECHNOLOGY CENTER 2800

SUPPLEMENTAL AMENDMENT

This paper is being filed as a supplemental response to the office action mailed on August 26, 2002. An amendment was filed on October 29, 2002 that is fully responsive to the rejections stated in the office action mailed on August 26, 2002. This supplemental amendment seeks to add new claims, that do not add any new matter, and show the patentability of the new claims over the cited prior art. Entry of this amendment is requested.

CLEAN VERSION OF THE AMENDMENTS

(A version of these amendments with markings to show the changes is attached to this paper as a separate Appendix)

JUL 21 7
61. (New) A device having a precursor layer comprising:

12/09/2002 ANISE1 00000004 substrate including at least one semiconductor layer;
01 FC:1201
02 FC:1202
a first semiconductor device fabricated proximate to said substrate; and
252.00 DP
a metal-free silicon-containing precursor layer formed over at least a portion of
said first semiconductor device.

62. (New) The device of claim 61, wherein the silicon precursor layer comprises a silazane.

PTO/SB/17 (11-01)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)
924.00

Complete if Known

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Application Number	10/039,517
Filing Date	January 3, 2002
First Named Inventor	Don Carl Powell
Examiner Name	Dung Anh Le
Group Art Unit	2818
Attorney Docket No.	MIO 0059 V2

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None Deposit Account:

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Deposit Account Name	<input type="text"/>

The Commissioner is authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
101 740	201 370	Utility filing fee	<input type="text"/>
106 330	206 165	Design filing fee	<input type="text"/>
107 510	207 255	Plant filing fee	<input type="text"/>
108 740	208 370	Reissue filing fee	<input type="text"/>
114 160	214 80	Provisional filing fee	<input type="text"/>

SUBTOTAL (1) (\$)
-0-

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Extra Claims	Fee from below	Fee Paid
45	31** = 14	x 18	= 252	<input type="text"/>
20	12** = 8	x 84	= 672	<input type="text"/>

Multiple Dependent: = -0-

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
103 18	203 9	Claims in excess of 20	<input type="text"/>
102 84	202 42	Independent claims in excess of 3	<input type="text"/>
104 280	204 140	Multiple dependent claim, if not paid	<input type="text"/>
109 84	209 42	** Reissue independent claims over original patent	<input type="text"/>
110 18	210 9	-- Reissue claims in excess of 20 and over original patent	<input type="text"/>

SUBTOTAL (2) (\$)
924.00

** or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

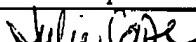
Large Entity/ Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	<input type="text"/>
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	<input type="text"/>
139 130	139 130	Non-English specification	<input type="text"/>
147 2,520	147 2,520	For filing a request for ex parte reexamination	<input type="text"/>
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	<input type="text"/>
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	<input type="text"/>
115 110	215 55	Extension for reply within first month	<input type="text"/>
116 400	216 200	Extension for reply within second month	<input type="text"/>
117 820	217 460	Extension for reply within third month	<input type="text"/>
118 1,440	218 720	Extension for reply within fourth month	<input type="text"/>
128 1,960	228 980	Extension for reply within fifth month	<input type="text"/>
119 320	219 160	Notice of Appeal	<input type="text"/>
120 320	220 160	Filing a brief in support of an appeal	<input type="text"/>
121 280	221 140	Request for oral hearing	<input type="text"/>
138 1,510	138 1,510	Petition to institute a public use proceeding	<input type="text"/>
140 110	240 55	Petition to revive - unavoidable	<input type="text"/>
141 1,280	241 640	Petition to revive - unintentional	<input type="text"/>
142 1,280	242 640	Utility issue fee (or reissue)	<input type="text"/>
143 460	243 230	Design issue fee	<input type="text"/>
144 620	244 310	Plant issue fee	<input type="text"/>
122 130	122 130	Petitions to the Commissioner	<input type="text"/>
123 50	123 50	Processing fee under 37 CFR 1.17(q)	<input type="text"/>
126 180	126 180	Submission of Information Disclosure Stmt	<input type="text"/>
581 40	581 40	Recording each patent assignment per property (times number of properties)	<input type="text"/>
146 740	246 370	Filing a submission after final rejection (37 CFR § 1.128(a))	<input type="text"/>
149 740	249 370	For each additional invention to be examined (37 CFR § 1.129(b))	<input type="text"/>
179 740	279 370	Request for Continued Examination (RCE)	<input type="text"/>
189 900	169 900	Request for expedited examination of a design application	<input type="text"/>

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)
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SUBMITTED BY

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Signature				Date	11/22/2002

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FACSIMILE COVER SHEET

TO: Examiner Dung Anh Le, Art Unit 2818

Company: Assistant Commissioner for Patents
Fax No.: 703/308-7722

FROM: Julie G. Cope, Reg. No. 48,624/amm

Date: November 22, 2002

Pages: 11

(including cover page)

Our Docket No.: MIO 0059 V2

Transmission No.: _____

Patents, Trademarks and Related Matters

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